

POWER OF ATTORNEY BY ASSIGNEE

Shimano, Inc. is the Assignee of the invention entitled: _____

DYNAMO CONTROL CIRCUIT FOR A BICYCLE

the specification of which XX is attached hereto or _____ was filed on _____ as Application
No. _____

Assignee hereby appoints the following attorney to prosecute this application and
transact all business in the Patent and Trademark Office connected therewith:

JAMES A. DELAND
Reg. No. 31,242

Direct Correspondence to:

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29863

PATENT TRADEMARK OFFICE

SHIMANO, INC.

Date: Feb. 22, 2002

By: Kozo Kitagawa
(Signature)

Name: KOZO KITAGAWA

Title: Assistant Director, Patent and Trademark

Department

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, KOUJI UNO of 1-26-27, Minamihorie, Nishiku, Osaka-shi, Osaka 550-0015, Japan
hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the
below identified application for United States Letters Patent:

Title of the Invention: DYNAMO CONTROL CIRCUIT FOR A BICYCLE

Date of execution of Declaration: February 22, 2002

Filing date: Herewith

Serial No.: To be assigned; and

WHEREAS, Shimano, Inc., a Japanese corporation, located at 77, Oimatsu-cho 3-cho, Sakai-shi, Osaka, Japan, hereinafter referred to as "Assignee," is desirous of acquiring Assignor's interest in the invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to Assignee, and to Assignee's successors and assigns, all of Assignor's right title and interest in and to the invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by Assignee as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or in Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Kouji Uno
KOUJI UNO

Date: 2/22/2002